S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
31	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood basedsurface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications.								
	S.R.page 118 item 15.60.1								
	D	2	1.20	2.40		5.76			
	D1	2	2.00	2.40		9.60			
						15.36			
	15.36*2.25=34.56		15.36	2.25		**34.56**	Sqmt	**85.86**	**2967.32**
	Basic Rate	81.00							
	Area Weightage 6%	4.86							
	Total	85.86							
32	Providing and applying enamel metal paint two coats(excluding priming coat) over new steel or other metal surfacebrushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as perspecifications.								
	S.R.page 120 item 15.74								
	W	15	1.50	1.50		33.75			
						33.75			
		33.75	2.25			**75.94**	Sqmt	**83.74**	**6359.01**
	Basic Rate	79.00							
	Area Weightage 6%	4.74							
	Total	83.74							
33	Providing and fixing **Vitrified glazed tiles**. of approved make, quality and colour of size 600x600x10mm thick fixed on bed of 12 thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc., complete as per specifications.								
	S.R Page no 107, item no 14.45								
		2	7.50	5.50		82.50			
		1	5.30	8.00		42.40			
		1	6.15	3.82		23.49			
						148.39	Sqmt	**1134.20**	**168307.34**
	Basic Rate:	1070.00							
	Area Weightage @ 6%	64.20							
	Total	1134.20							
34	Providing and fixing Skirting of 300mm high using prepolished water cut/gang saw of 19mm thick grey granite 0.5mm wide chamfered width and depth and fixing in CM 1:4 of 20mm thick after chipping the walls etc., complete.								
	S.R.page 108 item 14.50								
	Vitirified Tiles					14.84			
	Tandur stones					5.78			
						20.62	m	**713.38**	**14711.45**
	Basic Rate:	673.00							
	Area Weightage @ 6%	40.38							
	Total	713.38							
35	Flooring with 25mm to 40mm thick polished **tandur blue stone slabs** using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, , including cost of materials, labour, curing, polishing complete as per specifications.								
	S.R.page 103 item 14.15								
	Corridor	1	17.56	1.73		30.38			
		1	2.25	12.20		27.45			
						57.83	Sqm	**1129.96**	**65344.23**
	Basic Rate:	1066.00							
	Area Weightage @ 6%	63.96							
	Total	1129.96							

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
36	Providing and fixing 304 - grade stainless steel hand rails of 14-gauge pipes for Ramps or Staircase are made out of stainless steel hallowpipes, using 50mm dia for verticals @1.60 mtr c/c are fixed tot he ramps or steps by drilling with bolts and 100mm dia MS base plates 10mm gauge for fixing of Vertical pipes 4 - Nos anchor bolts & 40mm dia pipes are fixed horizontally for 2-rows top, one pipes are fixed with vertical pipes another one are fixed with elbows and 25mm dia pipes are fixed horizontally for 2-rows below top measure @ equal intervals including cutting, welding, bending wherever necessary with suitable caps @ tops, bottoms & corners finishing with mat / shining etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work. Ramps or Staircase for physically challenged.								
	S.R Page no 43, item no 7.39								
		2	2.40	1.10		5.28			
		1	4.85	1.10		5.34			
		2	5.00	1.10		11.00			
						21.62	Sqmt	**6159.66**	**133141.05**
	Basic Rate:	5811.00							
	Area Weightage @ 6%	348.66							
	Total	6159.66							
37	Miscellaneous								
a	Providing and fixing of Door locking arrangements(page XIV,item no 397)								
			4			4	Each	**633.00**	**2532.00**
b	Providing and fixing of Handles powder coated 150mm(page XIV,item No,393)								
			12			12	Each	**56.00**	**672.00**
c	Providing and fixing of Hinges 5" heavy duty(Page No.XIV,item No395)								
			12			12	Each	**37.00**	**444.00**
d	Providing and fixing of Hold fasts MS (Page No XIV, item No 396)								
			24			24	Each	**38.00**	**912.00**
e	Providing and fixing of Tower bolt 300mm long(page No,XIV, item No 412)								
			8			8	Each	**116.00**	**928.00**
								TOTAL	3224289.54
38	Miscelleneous								710.46
							GRAND TOTAL		3225000.00

(RUPEES THIRTY TWO LAKHS TWENTY FIVE THOUSAND ONLY)

CERTIFICATES

1) The work spot has been inspected and found to be necessary
2) This estimate is prepared as per KPWD SR. of 2015-16 & Approved Rates
3) The provisions were made in this estimate are necessary and adequate.
4) This works come under B.B.M.P. limits.
5) The work is not Spilt Up.

Assistant Engineer
Project R.R.Nagar

Assistant Executive Engineer
Project R.R.Nagar

Executive Engineer
Project Division
R.R.Nagar Zone

BRUHAT BANGALORE MAHANAGARA PAILKE

CONSTRUCTION OF BUILDING AND DEVELOPMENT OF GOVT.SCHOOL AND IMPROVEMENTS IN SCHOOL PREMISES AT JALAHALLI VILLAGE IN WARD NO.16

FIRST FLOOR - BLOCK B

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
1	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks,& Plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.								
	S.R.page 13 item 4.10								
	Columns								
	C1	12	0.30	0.30	3.05	3.29			
	C2	6	0.23	0.23	3.05	4.21			
						7.50	Cumt	**6345.16**	**47607.74**
	Basic Rate:	5936.00							
	Add: Lift Charges for First Floor	50.00							
	Total	5986.00							
	Area Weightage @ 6%	359.16							
	Total	6345.16							
2	Providing and removing Centering, shuttering, strutting, propping etc., for **columns,** pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.								
	S.R.page 15 item 4.32								
	C1	12	1.20		3.05	43.92			
	C2	6	0.90		3.05	16.47			
						60.39	Sqmt	**381.60**	**23044.82**
	Basic Rate:	355.00							
	Add: Lift Charges for First Floor	5.00							
	Total	360.00							
	Area Weightage @ 6%	21.60							
	Total	381.60							
3	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregares of ready mixef concrete for RCC works laid in 15 cms thick layers and well compated including vibrating, curing,etc., with all lead and lifts etc complete(excluisive of cost of steel and fabrication charges) Ready Mixed Cement Concrete for Beams, Staircase and Roof with M-25								
	S.R.page 18 item 4.49/4.49.2								
	RCC Roof Slab								
		1	15.60	7.63	0.15	17.85			
		1	7.95	8.20	0.15	9.78			
		1	3.82	6.35	0.15	3.64			
		1	6.85	3.30	0.15	3.39			
						34.66			
	Deductions								
	OTS	1	8.25	3.50	0.15	4.33			
	Staircase	1	7.85	3.50	0.15	4.12			
						8.45			

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
						26.21			
	Roof Beams								
		1	20.55	0.20	0.45	1.85			
		1	9.50	0.20	0.45	0.86			
		2	8.40	0.20	0.45	1.51			
		1	3.30	0.20	0.45	0.30			
		1	19.80	0.20	0.45	1.78			
		3	5.50	0.20	0.45	1.49			
	Corridor	2	5.30	0.20	0.45	0.95			
		1	28.00	0.20	0.30	1.68			
						10.41			
D	Staircase								
	Landing	1	3.40	1.50	0.15	0.77			
	Waist slab	2	4.30	1.50	0.13	1.61			
	Steps	25	1.50	0.15	0.15	0.84			
						3.22			
						39.85	Cumt	**6410.88**	**255443.12**
	Basic Rate:	6048.00							
	Area Weightage @ 6%	362.88							
	Total	6410.88							
4	Providing and removing cenering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications								
	S.R.page 15 Item No. 4.29.2								
	RCC Roof Slab								
		1	15.60	7.63		119.03			
		1	7.95	8.20		65.19			
		1	3.82	6.35		24.26			
		1	6.85	3.30		22.61			
						231.08	Sqmt	**572.40**	**132270.19**
	Basic Rate:	540.00							
	Area Weightage @ 6%	32.40							
	Total	572.40							
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of **beams**, beam haunchings, cantilever girders, bressumers and lintles exceeding 1 m in depth incluidng cost of all materials, labour complete as per specifications.								
	SR Page 16 iteam 4.34								
		1	20.55	1.10		22.61			
		1	9.50	1.10		10.45			
		2	8.40	1.10		18.48			
		1	3.30	1.10		3.63			
		1	19.80	1.10		21.78			
		3	5.50	1.10		18.15			
	Corridor	2	5.30	1.10		11.66			
		1	28.00	0.80		22.40			
						129.16	Sqmt	**270.30**	**34910.60**
	Basic Rate:	250.00							
	Add: Lift Charges for First Floor	5.00							
	Total	255.00							
	Area Weightage @ 6%	15.30							
	Total	270.30							
6	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. **Staircase**								
	SR Page 16 iteam 4.38								
	Landing	1	3.40		1.50	5.10			
	Waist slab	2	4.30		1.50	12.90			